

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049274.D
 Acq On : 15 Jun 2018 21:51
 Operator : MD\SY
 Sample : PB110255ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#05

Quant Time: Jun 16 02:17:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1258914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2021744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1650034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442459	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	831706	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	736851	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
50) Toluene-d8	10.09	98	2787899	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
62) 4-Bromofluorobenzene	12.41	95	662916	32.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.38%	

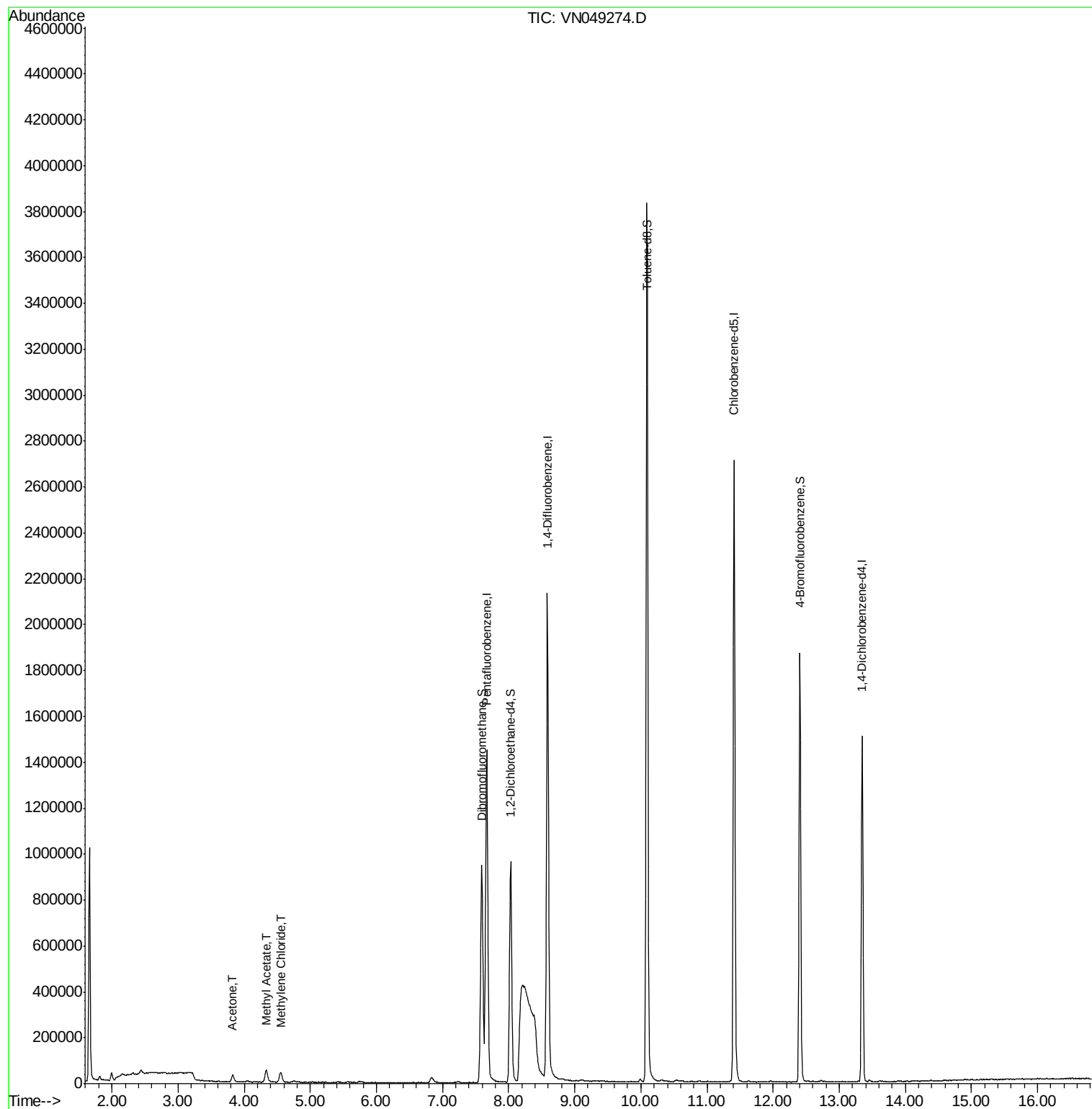
Target Compounds						Qvalue
16) Acetone	3.82	43	51051	12.59	ug/l	97
18) Methyl Acetate	4.33	43	104364	8.44	ug/l	96
20) Methylene Chloride	4.55	84	30205	1.78	ug/l	89

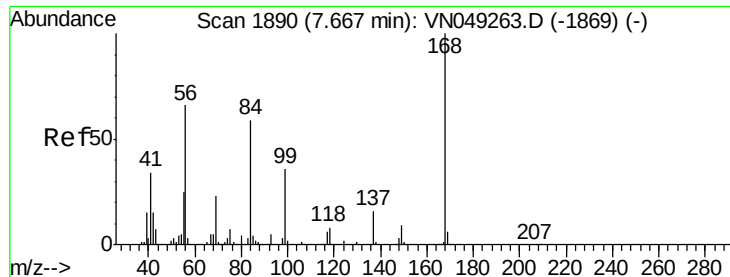
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049274.D

Acq: 15 Jun 2018 21:51

Instrument :

MSVOA_N

ClientSampleId :

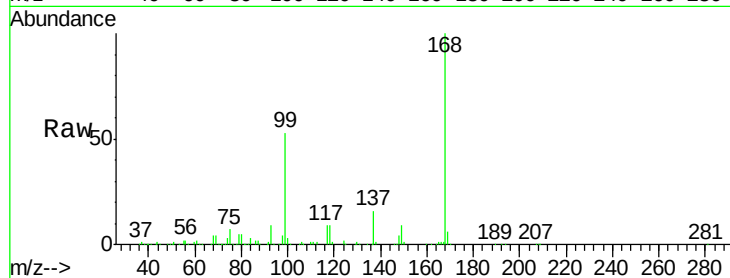
PB110255ZHE#05

Tot Ion:168 Resp: 1258914

Ion Ratio Lower Upper

168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

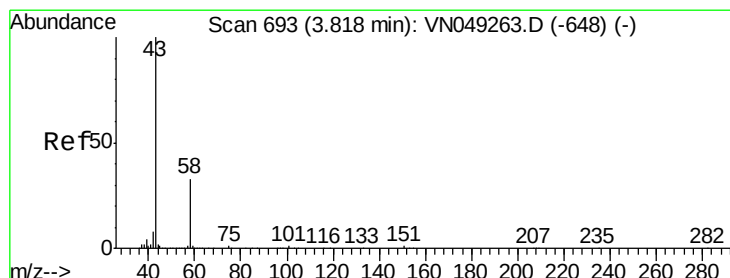
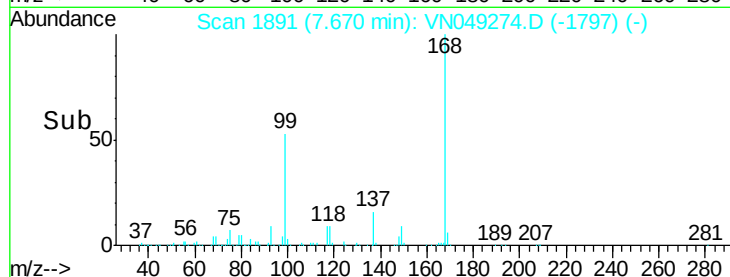
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 12.59 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049274.D

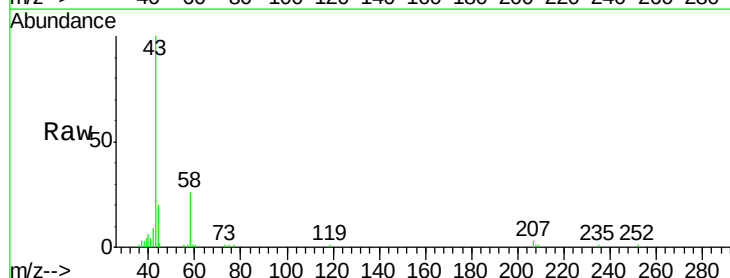
Acq: 15 Jun 2018 21:51

Tgt Ion: 43 Resp: 51051

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

20000

15000

10000

5000

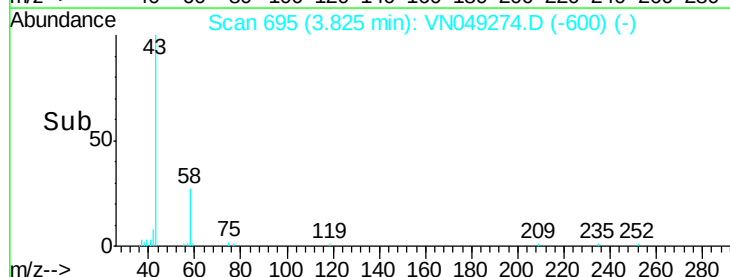
0

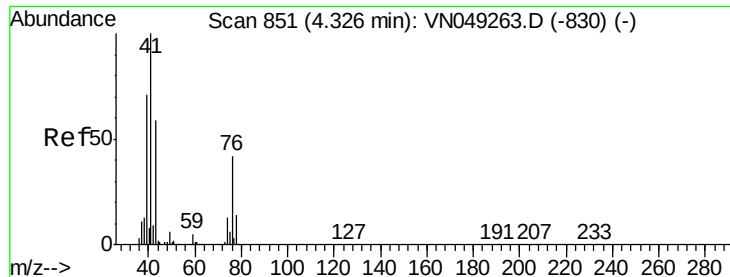
3.82

3.80

3.90

Time-->

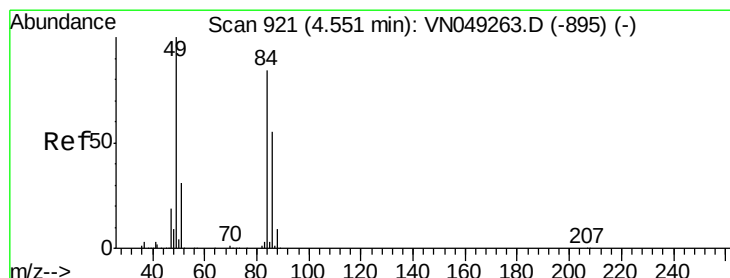
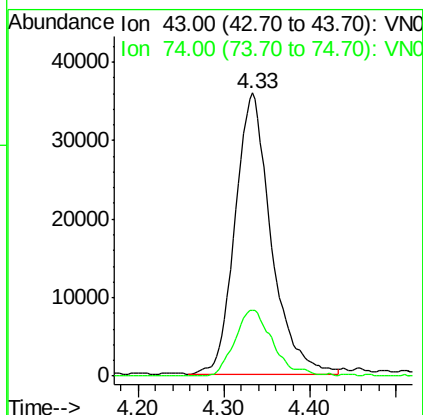
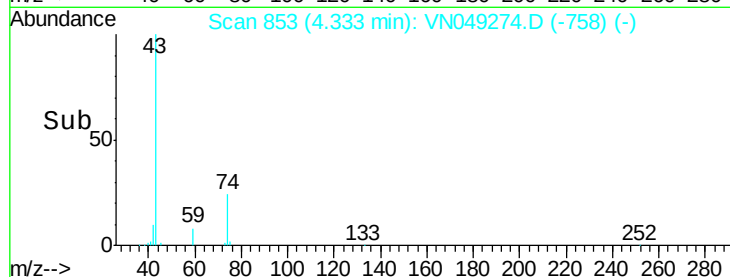
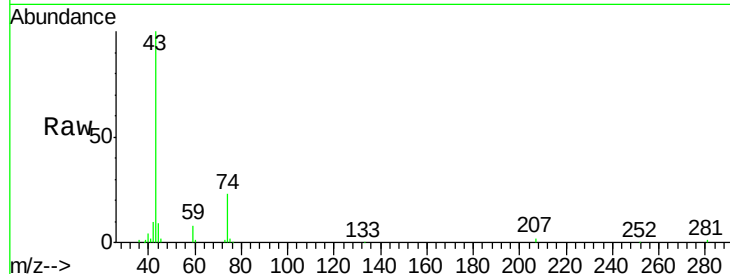




#18
Methvl Acetate
Concen: 8.44 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

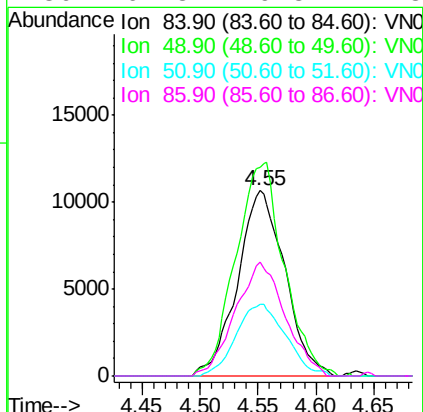
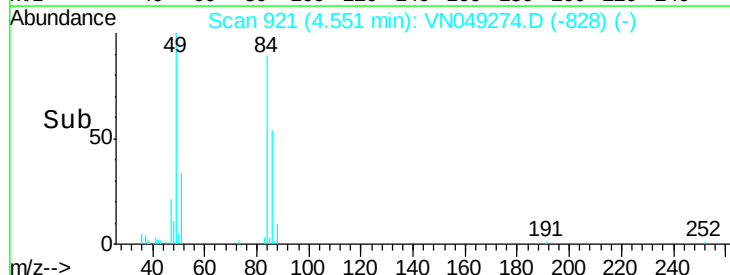
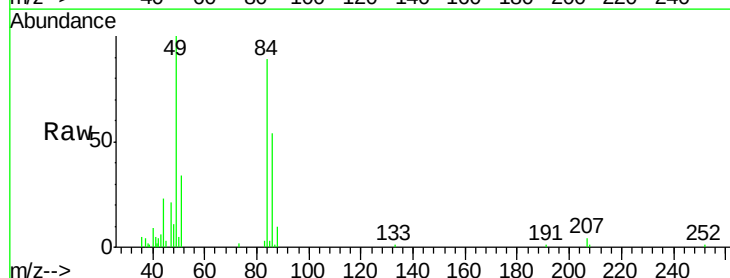
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#05

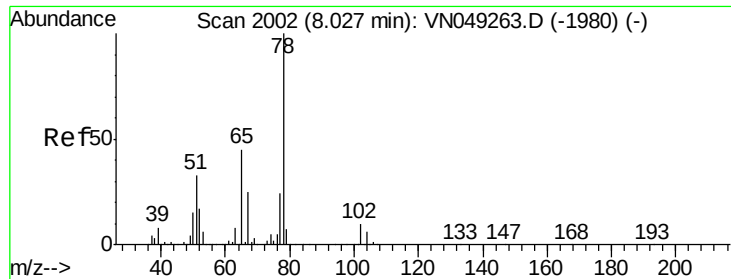
Tot Ion: 43 Resp: 104364
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 1.78 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

Tgt Ion: 84 Resp: 30205
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 38.4 32.7 49.1
86 61.3 49.8 74.8

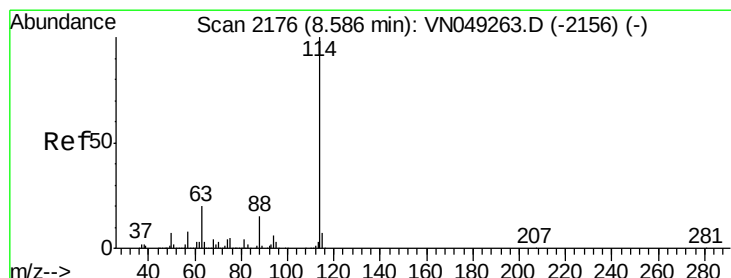
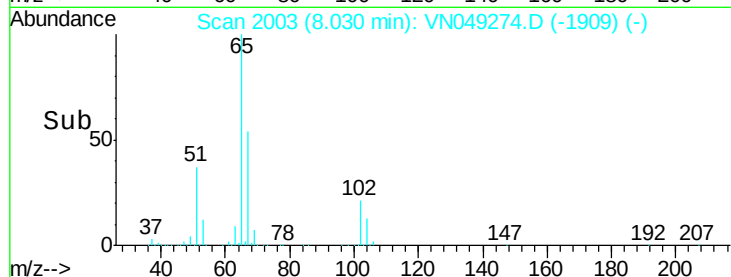
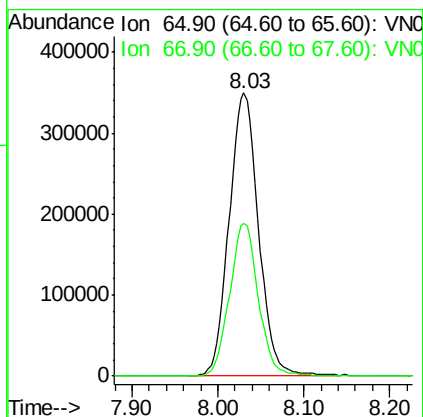
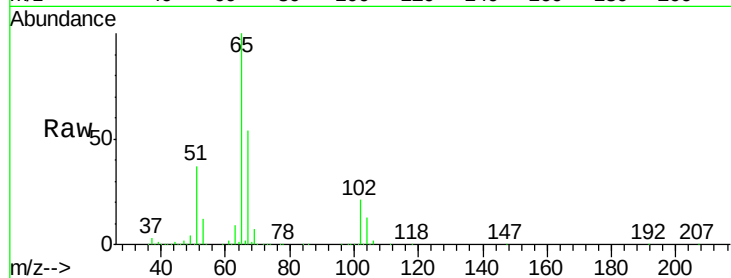




#33
 1,2-Dichloroethane-d4
 Concen: 49.81 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049274.D
 Acq: 15 Jun 2018 21:51

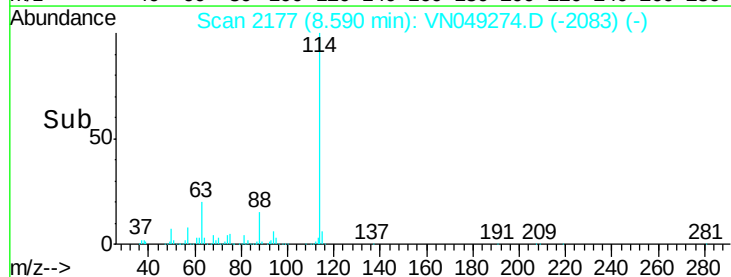
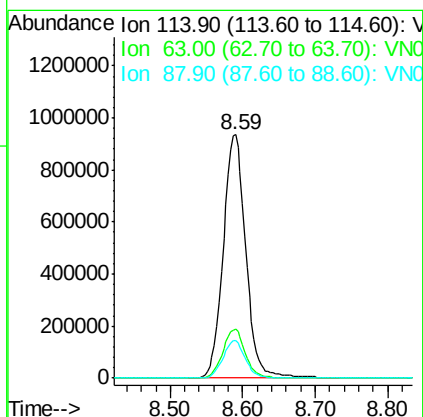
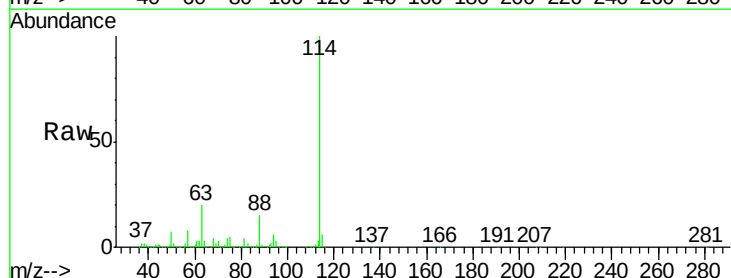
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#05

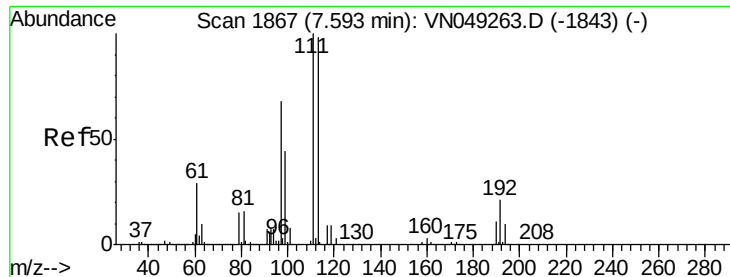
Tot Ion: 65 Resp: 831706
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049274.D
 Acq: 15 Jun 2018 21:51

Tgt Ion: 114 Resp: 2021744
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4

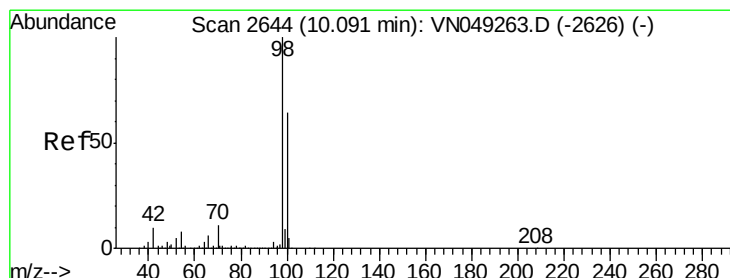
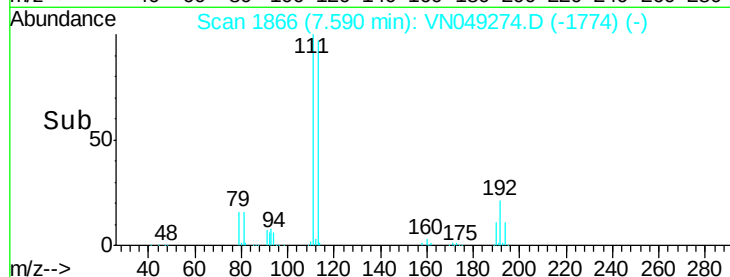
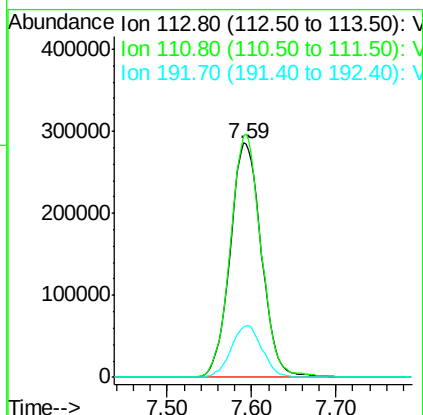
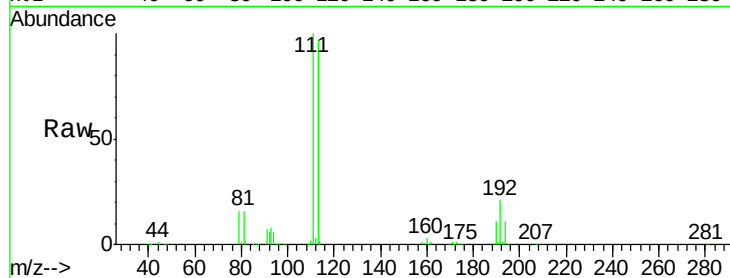




#35
Dibromofluoromethane
Concen: 45.05 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

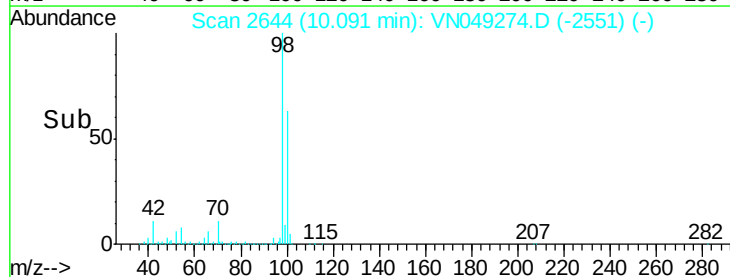
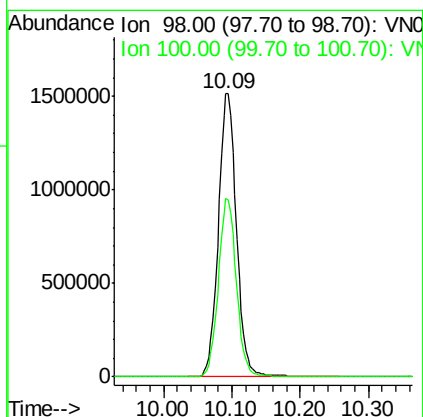
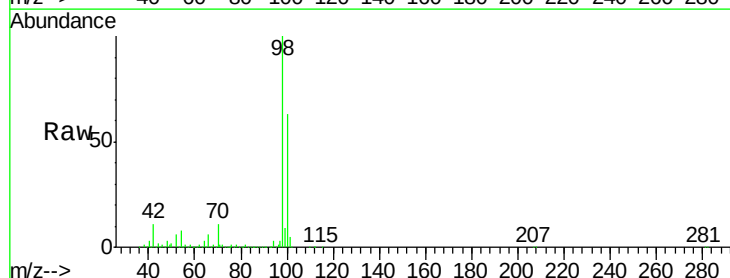
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#05

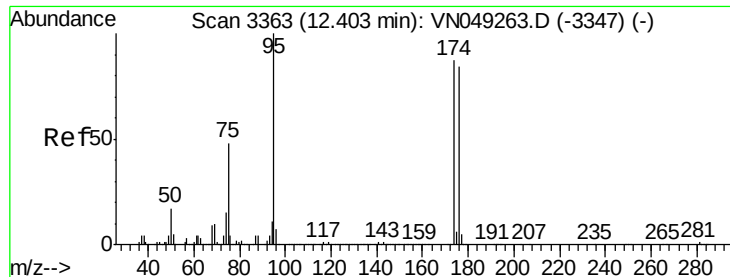
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	22.0	15.0	22.6



#50
Toluene-d8
Concen: 44.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8

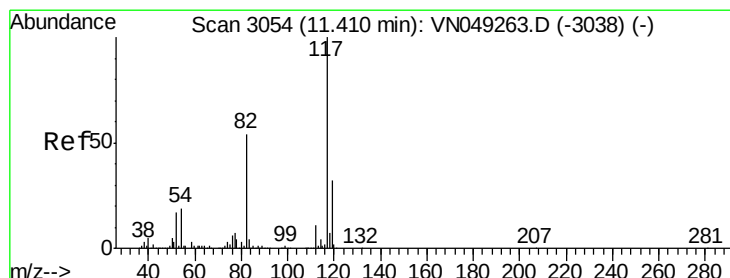
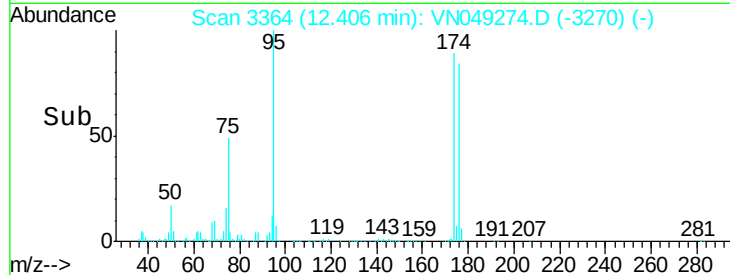
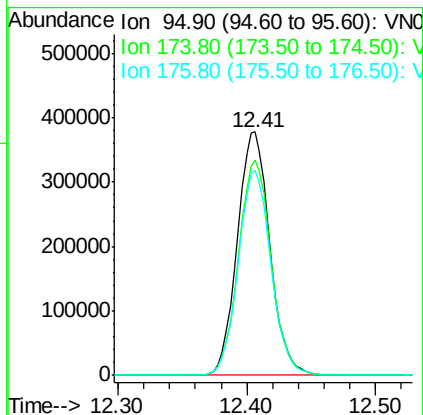
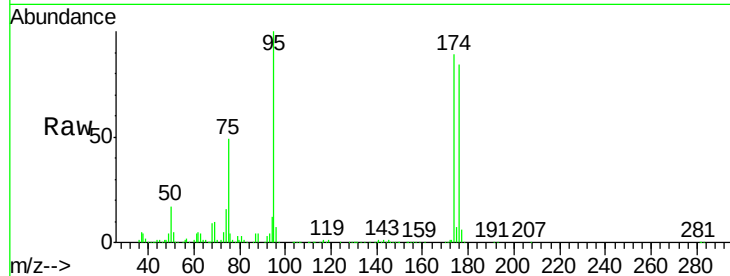




#62
4-Bromofluorobenzene
Concen: 32.19 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

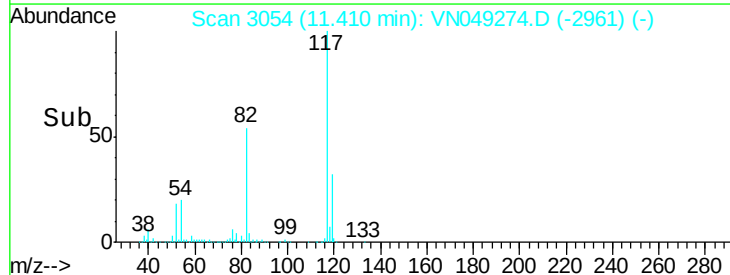
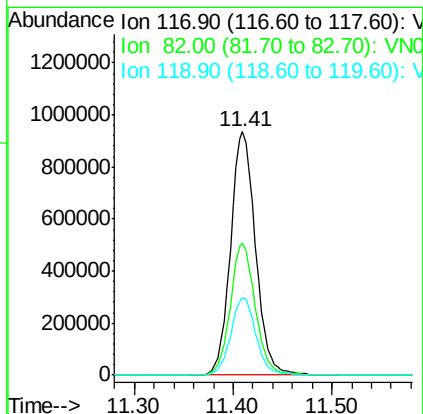
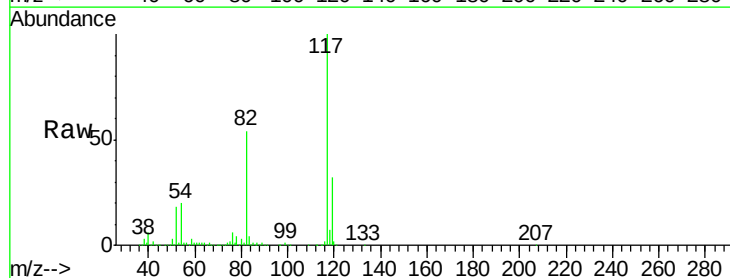
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#05

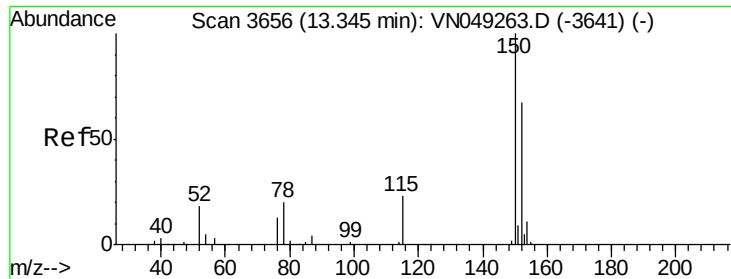
Tot Ion: 95 Resp: 662916
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.6
176 84.5 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049274.D
Acq: 15 Jun 2018 21:51

Tgt Ion: 117 Resp: 1650034
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049274.D

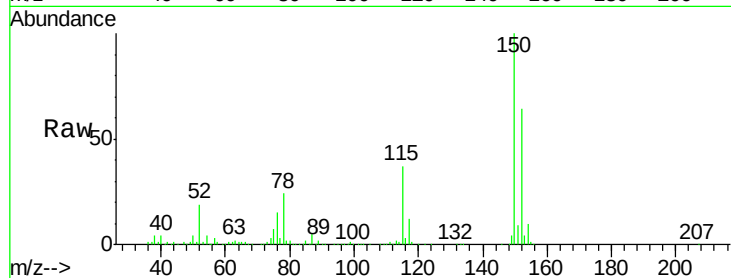
Acq: 15 Jun 2018 21:51

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#05



Tot Ion:152 Resp: 442459

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

150 156.4 0.0 351.0

